



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 4112

Bib Data Sheet

SERIAL NUMBER 10/694,889	FILING DATE 10/29/2003  RULE	CLASS 257	GROUP ART UNIT 2818	ATTORNEY DOCKET NO. 0020-5187P
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------------

APPLICANTS

Motoji Yagura, Tenri-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\* *none USA*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *yes USA*

JAPAN P2002-316011 10/30/2002  
 JAPAN P2003-318668 09/10/2003

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 01/30/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>[Signature]</i> Examiner's Signature Initials	STATE OR COUNTRY JAPAN	SHEETS DRAWING 8	TOTAL CLAIMS 16	INDEPENDENT CLAIMS 1
--	--	------------------------------	------------------------	-----------------------	----------------------------

ADDRESS  
 02292  
 BIRCH STEWART KOLASCH & BIRCH  
 PO BOX 747  
 FALLS CHURCH , VA  
 22040-0747

TITLE  
 Heterojunction bipolar transistor

FILING FEE  RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---